



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1542 MHz Ceramic Bandpass Filter

Part Number: AM1542B1438



Electrical specifications

Center Frequency: 1542.5 MHz
Bandwidth: 34 MHz
VSWR: 2.0 : 1 min
Input / Output Impedance: 50 Ohms
Passband: 1525.5-1559.5 MHz
Passband Insertion Loss: 2.0 dB max
Passband Ripple: 1.0 dB max
Rejection: 50 dB min at 971-1005 MHz
Rejection 2: 50 dB min at 1145.8-1179.8 MHz
Rejection 3: 30 dB min at 1335.4-1369.4 MHz
Rejection 4: 30 dB min at 1626.5-1660.5 MHz
Rejection 5: 30 dB min at 1699.8-1733.8 MHz
Power Handling: 3 Watt max
Group delay variation: 12 nsec max

Mechanical

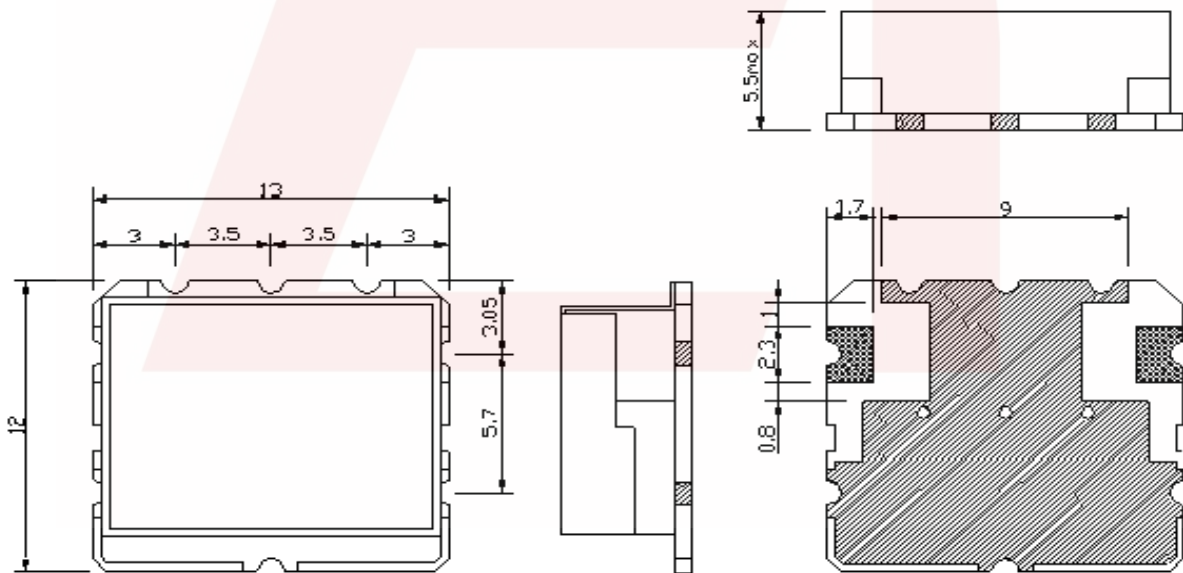
Mounting Method: SMT
Dimensions: 14 x 13 x 4.5 mm

Environmental

Operating Temperature: -20°C to 70°C
Storage Temperature: -50°C to +90°C
Shock: 10 G. 11ms
Vibration: 10 G. 5 to 200 Hz

This product is RoHs compliant.

Outline Drawing:



UNIT:mm
TOLERANCE:±0.3

DS-B1438-02092015-Rev0